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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,316	01/26/2004	Tae-hyun Ku	Q77230	7422

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EXAMINER	
NGUYEN, PHUNG	
ART UNIT	PAPER NUMBER
2632	

DATE MAILED: 09/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/763,316

Applicant(s)

KU ET AL.

Examiner

Phung T. Nguyen

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2-12 is/are allowed.
- 6) ☒ Claim(s) 1, 13 and 15-19 is/are rejected.
- 7) ☒ Claim(s) 14 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 05/21/04; 08/03/05; 08/30/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 13, and 15-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Goldstein (U.S. Pat. 5,410,326).

**Regarding claim 1:** Goldstein discloses programmable remote control device for interacting with a plurality of remotely controlled devices comprising a wireless transmission/reception unit by which in a first mode, remote control key code information is transmitted to controlled devices; and a display unit, device information for the controlled devices based on control information input in the first mode is displayed, the display unit allowing navigation of the device information (fig. 1, col. 7, lines 4-22). Goldstein does not specially disclose a second mode as claimed. Since the device of Goldstein is a universal remote control to control the audio/video devices and to allow navigation of the device information, it would be obvious to the skilled artisan to recognize that the device of Goldstein does also have the second mode in which the device information displayed on the display unit is navigated in order to select the information for one or more desired devices.

**Regarding claim 13:** All the claimed subject matter is already discussed in respect to claim 1 above.

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**Regarding claim 15:** Goldstein discloses wherein the device information includes device identification information (col. 4, lines 6-10).

**Regarding claim 16:** Goldstein discloses wherein the device information includes device function information (col. 3, lines 45-51).

**Regarding claim 17:** Goldstein discloses wherein a display of the device information includes device deleting information for deleting the identification information of devices (col. 32, lines 56-62).

**Regarding claim 18:** Goldstein discloses wherein a display of the device information includes device function deleting information for deleting the device function information (col. 32, lines 56-62).

**Regarding claim 19:** Goldstein discloses wherein in the second mode, device information is provided in the form of icons as shown in figure 1.

***Allowable Subject Matter***

3. Claims 2-12 are allowed.
4. Claim 14 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
  - a. Ishigaki [U.S. Pat. 6,107,992] discloses remote control apparatus.
  - b. Croy et al. [U.S. Pat. 6,040,829] disclose personal navigator system.

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c. Kras et al. [U.S. Pat. 6,215,417] disclose electronic equipment interface with command preselection indication.

d. Choi et al. [U.S. Pat. 6,211,856] disclose graphical interface touch screen with an auto zoom feature.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phung Nguyen whose telephone number is 571-272-2968. The examiner can normally be reached on Monday to Friday from 8:00am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel J. Wu, can be reached on 571-272-2964. The fax number for this Group is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is 571-272-2600.

Phung Nguyen



Date: September 22, 2005

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